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TITLE: ADDITIVE FOR INK-JET RECORDING PAPER

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ABSTRACT:

PROBLEM TO BE SOLVED: To obtain an additive for ink-jet recording papers which forms characters and images with high resolution and less change in hue, by preparing the additive from a resin having essential components of a secondary amine, ammonia and epihalohydrin as monomers.

SOLUTION: An additive for ink-jet recording papers is prepared from a resin having essential components of a secondary amine, ammonia and epihalohydrin. The ink-jet recording papers can accordingly be produced whereby waterproof properties of ink are improved, characters and images described on the recording papers show high resolution as formed by photographic printing, with less change in hue and without yellowing. The secondary amine used in dimethyl amine, diethyl amine, methyl ethyl amine, methyl propyl amine, methyl butyl amine, piperidine, etc. A mol ratio of the resin obtained from a reaction of the secondary amine, ammonia and epihalohydrin is preferably set to be 1:0.02-1:0.8-2.2.

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